SANYO
Building Life.

Wall Mounted Air Conditioners & Heat Pumps

9,000-24,000 BTU/H 16-20 SEER

utilizing DC Inverter Technology

SANYO wall mounted air conditioners and heat pumps offer the utmost in versatility in solving your cooling and heating needs. By utilizing environmentally friendly R-410a refrigerant and DC Inverter technology, the SANYO air conditioner or heat pump, automatically adjusts its performance to meet the changing needs of the space while maintaining the desired temperature. This leads to increased efficiencies, low energy consumption and a very comfortable environment.

Features

- Microprocessor Controlled Operation
- Wireless Remote Control Operation
- Dry Mode
- Air Sweep Control
- Automatic Fan Operation/3 Fan Speeds
- Automatic Heating/Cooling Changeover
- Electronic Refrigerant Control Valve
- 1 Hour Off Timer
- 24 Hour Programmable Clock
- Night Set Back Capability
- High Power Mode
- Quiet Mode
- Air Clean Apatite Filter
- Negative Ion Generator
- Anti Mold Filter
- Hot Start Heating System
- Automatic Restart in the Advent of a Power Failure
- Self Diagnostic Function

energy ENERGY STAR

Optional Accessories

- Insulated Line Sets
- Outdoor Unit Wall Mounting Brackets
- Locking Wireless Remote Bracket
- Mini In Line Condensate Pumps

Think GAIA
For Life and the Earth

R410A REFRIGERANT · INVERTER · 6yrs compressor WARRANTY 1yr parts · ON

Specifications

Wall Mounted Air Conditioners

Model No.			09KS71 / 09KLS71		12KS71 / 12KLS71		18KS72 / 18KLS72		24KS72 / 24KLS72	
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			KS0971	C0971 / CL0971	KS1271	C1271 / CL1271	KS1872	C1872 / CL1872	KS2472	C2472 / CL2472
Performance & Electrical Ratings										
Capacity	Cooling	Btu/h	9,000 (3,000~9,000)		11,900 (3,000~11,900)		17,500 (4,000~17,500)		24,200 (4,000~24,200)	
	Heating	Btu/h	---		---		---		---	
Moisture Removal	High	Pints/H	3.4		4.26		4.89		4.89	
Dry Air Flow	Hi / Med / Low	CFM	282 / 247 / 200		294 / 259 / 212		524 / 470 / 417		600 / 541 / 482	
SEER	Cooling		16		17		20		17	
HSPF	Heating		---		---		---		---	
COP	Heating		---		---		---		---	
Power Supply		V, Phase, Hz	115V, 1PH, 60Hz		115V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz	
Running Amps	Cooling	A	7.6 (2.5~7.6)		10.9 (2.5~10.9)		7 / 7.7 (1.2~7.7)		10.8 / 12.1 (1.3~12.1)	
	Heating	A	---		---		---		---	
Power Input	Cooling	W	755 (250~755)		1,090 (250~1,090)		1,500 / 1,500 (250~1,500)		2,355 / 2,355 (280~2,355)	
	Heating	W	---		---		---		---	
Back-up Heater		kW	---		---		---		---	
Fuse or Circuit Breaker Capacity		A	20		20		20		20	
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control			09KLS71 Equip.		12KLS71 Equip.		18KLS71 Equip.		24KLS71 Equip.	
Wireless Remote Controller			Included		Included		Included		Included	
Fan Speeds			Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto	
Timer			1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		Manual		Manual		Manual		Manual	
	Vertical		Automatic		Automatic		Automatic		Automatic	
Air Filter			Washable + Apatite		Washable + Apatite		Washable + Apatite		Washable + Apatite	
Refrigerant			R-410A		R-410A		R-410A		R-410A	
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve Control	
Operation Sound	In(Hi / Me / Lo/ Qt)	dB-A	34 / 31 / 28 / 23		36 / 33 / 29 / 25		42 / 38 / 30 / 28		47 / 44 / 41 / 30	
	Outdoor(Hi)	dB-A	46		47		51		55	
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type	
	Discharge	inches	1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge	
	Suction	inches	3/8" Suction		3/8" Suction		1/2" Suction		5/8" Suction	
Refrigerant Pipe Length		Ft.	Max. 50Ft		Max. 65Ft		Max. 98Ft		Max. 131Ft	
Elevation Difference**	Outdoor Above	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
	Outdoor Below	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	11-7/32"	21-9/16"	11-7/32"	21-9/16"	11-23/32"	26-3/8"	11-23/32"	29-1/8"
Width		inches	32-15/32"	28-11/32"	32-15/32"	28-11/32"	41-15/16"	34-21/32"	41-15/16"	35-7/16"
Depth		inches	7-7/16"	10-7/16"	7-7/16"	10-7/16"	8-19/32"	11-7/32"	8-19/32"	12-19/32"
Net Weight		Lbs.	19.8	72.8	19.8	75.0	26.5	90.4	26.5	119.0

** This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalogue for more detail.)

Wall Mounted Heat Pump

Model No.			09KHS71		12KHS71		18KHS72		24KHS72	
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			KHS0971	CH0971	KHS1271	CH1271	KHS1872	CH1872	KHS2472	CH2472
Performance & Electrical Ratings										
Capacity	Cooling	Btu/h	9,000 (3,000~9,000)		11,900 (3,000~11,900)		17,500 (4,000~17,500)		24,200 (4,000~24,200)	
	Heating	Btu/h	12,200 (3,000~12,200)		13,300 (3,000~13,300)		20,400 (4,400~20,400)		29,000 (4,400~29,000)	
Moisture Removal	High	Pints/H	3.4		4.26		4.89		4.89	
Dry Air Flow	Hi / Med / Low	CFM	200 / 247 / 282		212 / 259 / 294		417 / 479 / 524		482 / 541 / 600	
SEER	Cooling		16		17		20		17	
HSPF	Heating		7.7		9.3		7.7		7.7	
COP	Heating									
Power Supply		V, Phase, Hz	115V, 1PH, 60Hz		115V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz		230V / 208V, 1PH, 60Hz	
Running Amps	Cooling	A	7.6 (2.5~7.6)		10.9 (2.5~10.9)		7 / 7.7 (1.2~7.7)		10.8/12.1 (1.3~12.1)	
	Heating	A	10.3 (2.6~10.3)		11.7 (2.5~11.7)		7.4 / 8.1 (1.3~8.1)		12/13.5 (1.3~13.5)	
Power Input	Cooling	W	755 (250~755)		1,090 (250~1090)		1,500 / 1,500 (250~1500)		2,355 / 2,355 (280~2355)	
	Heating	W	995 (250~995)		1,165 (250~1165)		1,575 / 1,575 (270~1575)		2,490 / 2,490 (290~2490)	
Back-up Heater		kW	---		---		---		---	
Fuse or Circuit Breaker Capacity		A	20		20		20		20	
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control										
Wireless Remote Controller			Included		Included		Included		Included	
Fan Speeds			Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto	
Timer			1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM		1hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		Manual		Manual		Manual		Manual	
	Vertical		Automatic		Automatic		Automatic		Automatic	
Air Filter			Washable		Washable		Washable		Washable	
Refrigerant			R-410A		R-410A		R-410A		R-410A	
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In(Hi / Me / Lo / Qt)	dB-A	34 / 31 / 28 / 23		36 / 33 / 29 / 25		42 / 38 / 30 / 28		47 / 44 / 41 / 30	
	Outdoor(Hi)	dB-A	46	47	47	49	51	52	55	56
Refrigerant Piping	Type		Flare Type		Flare Type		Flare Type		Flare Type	
	Discharge	inches	1/4" Discharge		1/4" Discharge		1/4" Discharge		1/4" Discharge	
	Suction	inches	3/8" Suction		3/8" Suction		1/2" Suction		5/8" Suction	
Refrigerant Pipe Length		Ft.	Max. 50Ft		Max. 65Ft		Max. 98Ft		Max. 98Ft	
Elevation Difference**	Outdoor Above	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
	Outdoor Below	Ft.	Max. 23Ft		Max. 23Ft		Max. 50Ft		Max. 50Ft	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	11-7/32"	21-9/16"	11-7/32"	21-9/16"	11-23/32"	26-3/8"	11-23/32"	29-1/8"
Width		inches	32-15/32"	28-11/32"	32-15/32"	28-11/32"	41-15/16"	34-21/32"	41-15/16"	35-7/16"
Depth		inches	7-7/16"	10-7/16"	7-7/16"	10-7/16"	8-19/32"	11-7/32"	8-19/32"	12-19/32"
Net Weight		Lbs.	19.8	75.0	19.8	77.2	26.5	97.0	26.5	130.1

** This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalogue)

Above certificates were awarded to Sanyo Airconditioner Manufacturing(S)

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